JOURNAL OF EDUCATIONAL MEASUREMENT
VOLUME 27, 1990

SUBJECT INDEX

Adaptive testing: 1, 227, 241

Coefficient of agreement: 15, 345
Computers, use in
  scoring constructed responses: 93
  test construction, 241
Cognitive processes and structures: 41, 209, 285
Construction
  of tests: 1
Critical thinking ability: 41

Differential item functioning
  ethnic groups differences: 67, 109, 329
  gender differences: 109
  methodology: 307, 361

Equivalence of test scores
  methodology: 27

Gender differences
  effect of item format: 165

Item response theory equating: 27
  graded response model: 133
  use in adjusting cumulative GPA: 175
  cognitive modeling: 255
  multidimensionality: 273
  parameter invariance: 273

Multidimensionality: 273

Prediction studies
  Aptitude: 291

  Range restriction
  on an unmeasured variable, 187
Rasch model
  bias in parameter estimation: 285
Reading, measurement of: 209
Reliability
  and standard errors: 191
  criterion-referenced measurements: 15, 345

Standard setting
  scaling standards on different forms: 59
  factors affecting standards on the NTE: 145

Validity
  scoring procedures: 1, 174

JOURNAL OF EDUCATIONAL MEASUREMENT
VOLUME 27, 1990

AUTHOR AND TITLE INDEX

Adema, Jos J. The Construction of Customized Two-Stage Tests: 241

Alexander, Ralph A. Correction Formulas for Correlations Restricted by Selection on an Unmeasured Variable: 187

Angoff, William H., & Johnson, Eugene G. The Differential Impact of Curriculum on Aptitude Test Scores: 291

Bennett, Randy Elliot. See **Braun, Henry I.**

Bolger, Niall, & Kellaghan, Thomas. Method of Measurement and Gender Differences in Scholastic Achievement: 165

Braun, Henry I., Bennett, Randy Elliot, Frye, Douglas, & Soloway, Elliot. Scoring Constructed Responses Using Expert Systems: 93

Brennan, Robert L. See **Hanson, Bradley A.**

Busch, John Christian, & Jaeger, Richard M. Influence of Type of Judge, Normative Information, and Discussion on Standards Recommended for the National Teacher Examinations: 145

De Ayala, R. J., Dodd, Barbara G., & Koch, William R. A Simulation and Comparison of Flexilevel and Bayesian Computerized Adaptive Testing: 227

de Gruijter, Dato N. M. A Note on the Bias of UCON Item Parameter Estimation in the Rasch Model: 285

Dodd, Barbara G. See **De Ayala, R. J.**

Dorans, Neil J. See **Schmitt, Alicia P.**

Farr, Roger, Pritchard, Robert, & Smitten, Brian. A Description of What Happens When an Examinee Takes a Multiple-Choice Reading Comprehension Test: 209

Freedle, Roy, & Kostin, Irene. Item Difficulty of Four Verbal Item Types and an Index of Differential Item Functioning for Black and White Examinees: 329

Frye, Douglas. See **Braun, Henry I.**

Gerritz, Kalle. See **Scheuneman, Janice Dowd.**

Hanson, Bradley A., & Brennan, Robert L. An Investigation of Classification Consistency Indexes Estimated Under Alternative Strong True Score Models: 345

Harris, Deborah J. See **Kolen, Michael J.**

Jaeger, Richard M. See **Busch, John Christian.**

Johnson, Eugene G. See **Angoff, William H.**

Kelderman, Henk, & Macready, George B. The Use of Loglinear Models for Assessing Differential Item Functioning Across Manifest and Latent Examinee Groups: 307

Kellaghan, Thomas. See **Bolger, Niall.**

Koch, William R. See **De Ayala, R. J.**

Kolen, Michael J., & Harris, Deborah J. Comparison of Item Preequating and Random Groups Equating Using IRT and Equipercentile Methods: 27

Kostin, Irene. See **Freedle, Roy.**

Lewis, Charles. See **Wainer, Howard.**

Macready, George B. See **Kelderman, Henk.**

Miller, M. David. See **Oshima, Takako C.**

Mislevy, Robert J. See **Sheehan, Kathleen.**

Norcini, John J. Equivalent Pass/Fail Decisions: 59

Norris, Stephen P. Effect of Eliciting Verbal Reports of Thinking on Critical Thinking Test Performance: 41

Oshima, Takako C., & Miller, M. David. Multidimensionality and IRT-Based Item Invariance Indexes: The Effect of Between-Group Variation in Trait Correlation: 273

Pritchard, Robert. See **Farr, Roger.**

Reise, Steve P., & Yu, Jiayuan. Parameter Recovery in the Graded Response Model Using MULTILOG: 133

Rogers, H. Jane. See **Swaminathan, Hariharan.**

Scheuneman, Janice Dowd, & Gerritz, Kalle. Using Differential Item Functioning Procedures to Explore Sources of Item Difficulty and Group Performance Characteristics: 109

Schmitt, Alicia P., & Dorans, Neil J. Differential Item Functioning for Minority Examinees on the SAT: 67

Sheehan, Kathleen, & Mislevy, Robert J. Integrating Cognitive and Psychometric Models to Measure Document Literacy: 255

Smitten, Brian. See **Farr, Roger.**
Soloway, Elliot. See **Braun, Henry I.**
Spray, Judith A., & Welch, Catherine J. Estimation of Classification Consistency When the Probability of a Correct Response Varies: 15
Swaminathan, Hariharan, & Rogers, H. Jane. Detecting Differential Item Functioning Using Logistic Regression Procedures: 361
Wainer, Howard, & Lewis, Charles. Toward a Psychometrics for Testlets: 1
Welch, Catherine J. See **Spray, Judith A.**
Woodruff, David. Conditional Standard Error of Measurement in Prediction: 191
Young, John W. Adjusting the Cumulative GPA Using Item Response Theory: 175
Yu, Jiayuan. See **Reise, Steve P.**